

Converting Colors

XYZ(65.1701, 74.7299, 69.3820)

Have a look what the booklet for
XYZ(65.1701, 74.7299, 69.3820)
contains.

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Color

**XYZ(65.1701, 74.7299,
69.3820)**

Conversions

Conversions Part 1

Format	Color
Hex	CEE7CE
RGB	206, 231, 206
RGB Percent	81%, 91%, 81%
CMY	0.1922, 0.0941, 0.1921
CMYK	0.11, 0.00, 0.11, 0.09
HSL	120°, 34%, 86%
HSV	120°, 11%, 91%
XYZ	65.1701, 74.7299, 69.3820
YIQ	220.6750, -6.8750, -13.0750

Conversions

Conversions Part 2

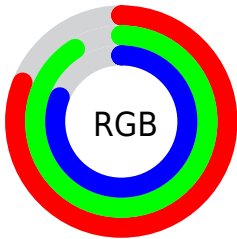
Format	Color
R _Y B	206, 231, 231
Decimal	13559758
CIE Lab	89.27, -12.83, 9.39
CIE LCh	89, 15.902, 143.812
Yxy	74.7299, 0.3114, 0.3571
Android (android.graphics.Color)	4291749838 (0xFFCEE7CE)
YUV	220.6750, -7.2348, -12.8700
Hunter-Lab	86.4465, -16.7140, 12.9263

Details

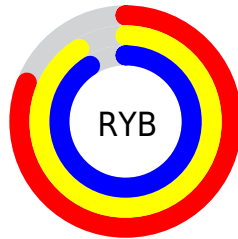
The XYZ color **65.1701, 74.7299, 69.3820** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **69.4528, 66.9029, 84.8579**, and the grayscale version is **68.5537, 72.1238, 78.5428**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **33.9464, 39.6023, 35.5606** is the 20% darker color. If you saturate the color by 10%, you get **56.6192, 70.6247, 55.3939**, and if you desaturate by 10%, it is **75.0801, 79.4924, 85.5898**.

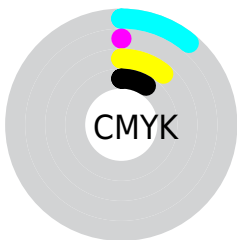
Distribution



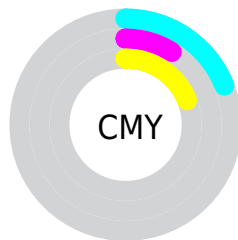
- Red (81%)
- Green (91%)
- Blue (81%)



- Red (81%)
- Yellow (91%)
- Blue (91%)



- Cyan (11%)
- Magenta (0%)
- Yellow (11%)
- Black (9%)



- Cyan (19%)
- Magenta (9%)
- Yellow (19%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 65.1701, 74.7299, 69.3820 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the XYZ color 65.1701, 74.7299, 69.3820 by changing the saturation by 10% instead.

■ 65.1701, 74.7299,
69.3820

■ 65.1701, 74.7299,
69.3820

432.9385,
476.9887, 477.1075

■ 47.8642, 55.3916,
50.5492

111.3587,
125.9299, 119.9999

■ 33.9302, 39.7154,
35.4757

140.9722,
158.5605, 152.6220

■ 23.0026, 27.3167,
23.7431

175.4189,
196.3907, 190.6776

■ 14.7161, 17.8112,
14.9327

215.0642,
239.8048, 234.5853

■ 8.7054, 10.8145,
8.6261

260.2735,
289.1872, 284.7636

■ 4.6051, 5.9423,
4.4046

311.4120,

■ 2.0498, 2.8100,

344.9225, 341.6310

1.8498

368.8453,
407.3948, 405.6062

■ 0.6617, 1.0334,
0.4605

■ 0.0000, 0.0000,
0.0000

■ 65.1701, 74.7299,
69.3820

■ 65.1701, 74.7299,
69.3820

■ 56.6192, 70.6247,
55.3939

■ 75.0801, 79.4924,
85.5898

■ 49.3625, 67.1389,
43.5242

■ 86.3983, 84.9291,
104.1027

■ 43.3387, 64.2454,
33.6712

■ 87.8674, 85.6348,
106.5058

■ 38.4794, 61.9112,
25.7228

■ 34.7094, 60.1003,
19.5562

■ 31.9447, 58.7723,
15.0340

■ 30.0892, 57.8810,
11.9989

■ 29.0281, 57.3713,
10.2631

■ 28.5774, 57.1548,
9.5259

Harmonies

Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



68.0559, 74.7299, 63.3275



65.1701, 74.7299, 69.3820



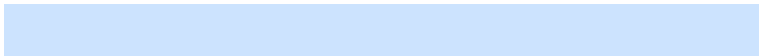
63.8597, 74.7299, 79.0844

Triad

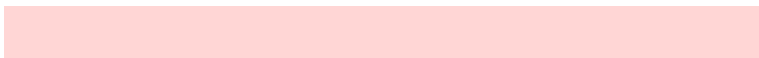
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



65.1701, 74.7299, 69.3820



70.2266, 74.7299, 104.5373



78.0822, 74.7299, 73.0350

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



65.1701, 74.7299, 69.3820



69.4528, 66.9029, 84.8579

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



78.7147, 74.7299, 83.6954



65.1701, 74.7299, 69.3820



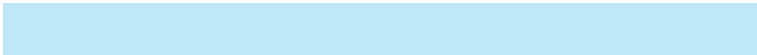
74.0865, 74.7299, 102.5458

Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



65.1701, 74.7299, 69.3820



66.7097, 74.7299, 99.8793



77.2279, 74.7299, 94.6609



75.5298, 74.7299, 65.2983

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



65.1701, 74.7299, 69.3820



64.0205, 74.7299, 86.5817



77.2279, 74.7299, 94.6609



78.5302, 74.7299, 76.3682

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



65.1722, 74.7331, 69.3836



91.0839, 98.0949, 102.4128



72.6748, 78.6009, 69.7345



19.2746, 20.8901, 21.5589



0.0000, 0.0000, 0.0000



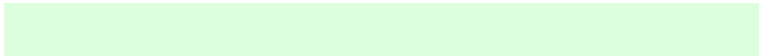
20.3446, 21.4041, 23.3091

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



65.1722, 74.7331, 69.3836



79.0031, 92.2918, 82.6525



66.7522, 75.3651, 77.7042



14.1894, 16.0892, 15.2622



16.0201, 32.0401, 5.3401



1.1838, 2.3677, 0.3946

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



69.4528, 66.9029, 84.8579



85.3714, 80.6429, 105.6733



67.7492, 66.2214, 75.8867



14.9952, 14.6153, 18.1750



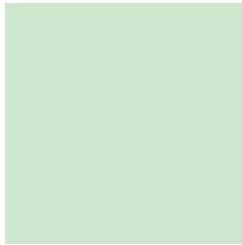
26.5609, 12.7586, 43.4443



1.9628, 0.9428, 3.2104

Previews

White Background



This preview shows how the XYZ color 65.1701, 74.7299, 69.3820 looks on a white background.

Color Contrast Check

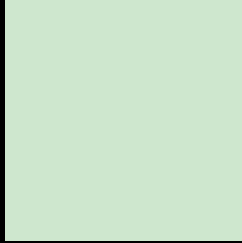
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the XYZ color 65.1701, 74.7299, 69.3820 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

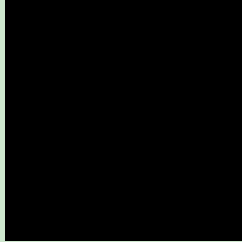
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

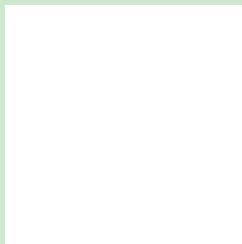
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 65.1701, 74.7299, 69.3820

Background



This preview shows how black text looks on a background with the XYZ color 65.1701, 74.7299, 69.3820.

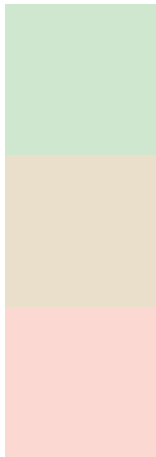


This preview shows how white text looks on a background with the XYZ color 65.1701, 74.7299,

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color

65.1701, 74.7299, 69.3820

Protanopia

70.6526, 74.3633, 66.5069

Deuteranopia

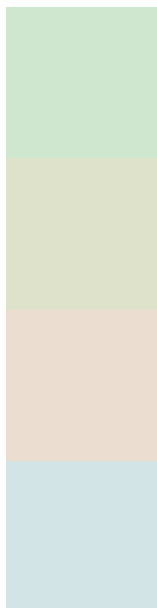
75.8482, 74.2244, 70.6507



Tritanopia

70.5254, 74.8608, 95.5265

Trichromacy



Original Color

65.1701, 74.7299, 69.3820

Protanomaly

68.4073, 74.3925, 67.2536

Deuteranomaly

71.5026, 73.9291, 70.1757

Tritanomaly

68.6047, 74.9016, 85.7045

Monochromacy



Original Color

65.1701, 74.7299, 69.3820

Achromatopsia

68.7264, 72.3055, 78.7407

Achromatomaly

67.6388, 73.4072, 75.5698

CSS Examples

Text

The CSS property to change the color of the text to XYZ 65.1701, 74.7299, 69.3820 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color `rgb(206, 231, 206)` looks like.

```
.text, #text, p{  
    color:rgb(206, 231, 206)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(206, 231, 206) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(206, 231, 206) }
```

Border

The CSS property to change the border of an element to XYZ 65.1701, 74.7299, 69.3820 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(206, 231, 206) }
```


If only the border color should be changed use the property `border-color`.

```
.border{ border-color:rgb(206, 231, 206) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel `rgb(206, 231, 206)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(206, 231, 206); -webkit-box-  
shadow:4px 4px 4px 4px rgb(206, 231, 206);  
box-shadow:4px 4px 4px 4px rgb(206, 231,  
206) }
```

Background

The CSS property to change the background color of an element to XYZ 65.1701, 74.7299, 69.3820 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(206, 231, 206) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(206,  
231, 206) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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